

Amateur Chemists Become Newest Enemy to Health

By K. H. SUTHERLAND, M.D. County Health Officer

Recently an increasing number of medical reports suggest a new enemy to health is on the modern scene. It is not bacteria nor a virus nor any other kind of germ.

Specifically, the enemy is the amateur who attempts to invent a product which will put to shame all of the chemists and research personnel employed at great cost by large firms whose business it

is to produce household cleaning agents.

Apparently on the mistaken theory that two good household products will be twice as effective when poured together as when used singly, housewives and building custodians have been known to produce the same gases as those that have been internationally outlawed as too inhuman for use in wartime.

The National Safety Council reports two separate

tragedies arising from the same cause. Two housewives, not satisfied with the way an ordinary toilet bowl cleaner was removing stains, each added some household bleach and stirred with a brush. The sudden rush of chlorine gas produced by this combination reportedly killed one of these women and so damaged the lungs of the second that a long period of hospitalization was required.

A case was reported in a recent medical journal in which a whole family became ill after inhaling the fumes from a floor just cleaned with a homemade solution composed of several combination products containing bleach, a detergent and vinegar.

Commercial cleaners make use of various chemical agents, often involving several in combination. As compounded in manufacture, these products are safe to use. A homemade additive, however, can so change the chemistry of these otherwise safe products that they may

form toxic gases, usually chlorine or ammonia gas.

Ammonia gas is produced when household ammonia is combined with some alkaline substance such as lye or a lye-containing product, for example, a drain cleaner.

Chlorine gas is produced when a sodium hypochlorite solution, such as common household bleach or liquid swimming pool chlorine, is combined with acid. Many cleaning products including rust removers, oven cleaners

and toilet bowl cleaners contain acid. Also, vinegar is acid.

Poisoning by mixtures of homemade cleaners is usually from inhalation of the fumes produced by rapidly reacting chemicals. Such an accident is most likely to occur in a poorly ventilated, closed space, especially small bathrooms. Also, it appears to happen more often in winter when windows are closed and rooms become more heavily

bleach or ammonia with any other cleaning agent, including one another.

Warrior Band Will Perform

The West High School marching band will participate in the 18th annual Huntington Beach band review Friday Dec. 4. The review will be judged by members of the Southern California School Band and Orchestra Association.

The safest rule to follow is to use cleaning agents according to manufacturers' instructions and never mix.

Regular 69c King Size

JOHNSTON PIES

47

FROZEN PUMPKIN MINCE & APPLE
32-OZ. TO 36-OZ. 9-INCH SIZE

REGULAR 79c STRONGER THAN DIRT

AJAX DETERGENT

59

REGULAR 79c GIANT SIZE PACKAGE

HOLIDAY USES AHEAD!!

REGULAR 59c

GOLD MEDAL FLOUR

539

LB. BAG SAVE 20c

THANKSGIVING MENU

NOV. 19 thru SUN. NOV 22

IMPERIAL AT BELLFLOWER
CANOGA AT ROSCOE

FOODS CO. markets

17500 CRENSHAW BLVD. AT ARTESIA
910 W. SANTA BARBARA AT VERMONT

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We Give BLUE CHIP STAMPS

Blue Chips Too!

REGULAR 39c CAN

EARLY CALIFORNIA LARGE RIPE PITTED

OLIVES

4 7 1/2-oz. Cans

\$1.00

SAVE 40c On 4 Cans

REGULAR 39c

BETTY CROCKER CHOCOLATE FUDGE MIX FOR

BROWNIES

Large 16-oz. Package

29

SAVE 10c

A THANKSGIVING 'MUST'

DUBUQUE - BONELESS HAM

CANNED - FULLY COOKED

7 LB. CAN **\$4.99**

DUBUQUE CANNED HAMS **4** Lb. Can **\$2.98**

GOLDEN CREME BROWN N' SERVE DINNER ROLLS

DOZEN IN PACKAGE

29

Modess. MODESS SANITARY NAPKINS

LARGE BOX OF 12

29

AJAX LIQUID CLEANER

LARGE 79c SIZE

59

SPRING FRESH REFRIGERATED 10 IN EACH 8-OZ. TUBE

PLAIN OR BUTTERMILK BISCUITS

3 Tubes For **19c**

FAMOUS BORDEN'S REGULAR OR LOW FAT CREAM CHEESE

Large 8-oz. Pkg. **29c**

PEN AND QUILL BRAND ASSORTED FLAVORS PARTY DIPS

3 8-oz. Cups **\$1.00**

| | | | |
|---|---|---|--|
| KAISER ALUMINUM FOIL Roller, 14x20 39c Regular, 12x25 29c | GORTON'S FROZEN Breaded Sea Food 49c Fish Cakes, 8-oz. 29c | PANCAKE BATTER International 39c House, Frozen, 1-lb. 39c | DELICIOUS ICE CREAM Creme Pac Brand 59c Half Gallon |
| VETS DOG FOOD 1-lb. Cans \$1.00 VETS NUGGETS, 1-lb. \$1.19 | JOHNSTON FROZEN PIES Boysenberry, Cherry, Custard, Straw-Rhubarb, Chocolate Coconut, Lemon, & Strawberry Cream 79c Blueberry 79c | FAMOUS BAKERS COCONUT Angel Flake, 3 1/2-oz. 25c Shredded, 4-oz. 23c Southern Style, 4-oz. 25c Chocolate Chips, 6-oz. 2/49c | M.J.B. COFFEE 1-lb. Can 83c 3-lb. Can \$2.39 2-lb. Can \$1.65 6-oz. Inst. \$1.15 10-oz. Inst. \$1.59 |

SPRINGFIELD GINGER ALE, SPARKLING WATER and ALL OTHER FLAVORS BEVERAGES

6 JUMBO 28-OZ. NO DEPOSIT BOTTLES **\$1.00**

MIX 'EM IF YOU WISH

GOLDEN CREME GRADE 'AA' PURE CREAMERY BUTTER

One Lb. Carton In 1/4's **69**

SAVE DOLLARS HERE!

REG. 59c—BOTTLE OF 25 TABLETS **ALKA-SELTZER** SAVE 15c **44c**

REGULAR 99c — LARGE 13-OZ. AEROSOL CAN "42" SHO-CURL HAIR SPRAY **55c**

Regular 89c Jar — Save 30c HEAD & SHOULDERS CREAM SHAMPOO **59c**

COOK AND SERVE IN STYLE This Thanksgiving THANKSGIVING ROASTING NEEDS AT LOW, LOW PRICES!! TURKEY LACERS, SKEWERS, BASTERS, BLUESTONE OVAL ROASTERS AND PYREX GLASSWARE.

CAMPBELL'S VEGETABLE VARIETY SOUPS

COOL WEATHER AHEAD

10 1/2-OZ. CANS **6**

Campbell's Meat Base SOUPS 10 1/2-oz. Cans **6 for 97c**